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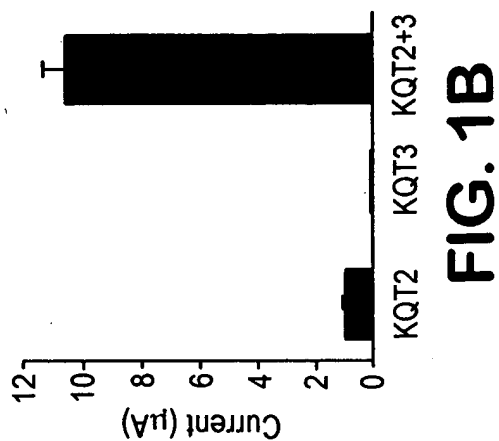


FIG. 1B

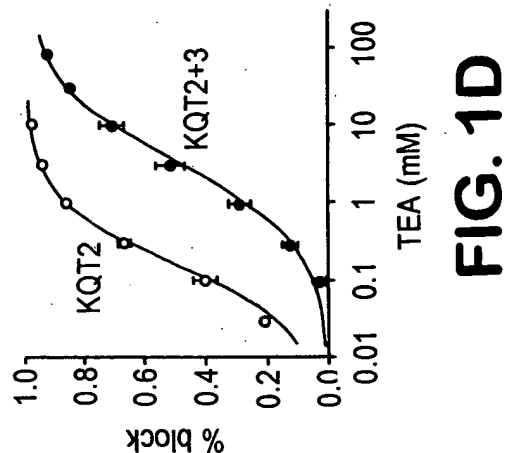


FIG. 1D

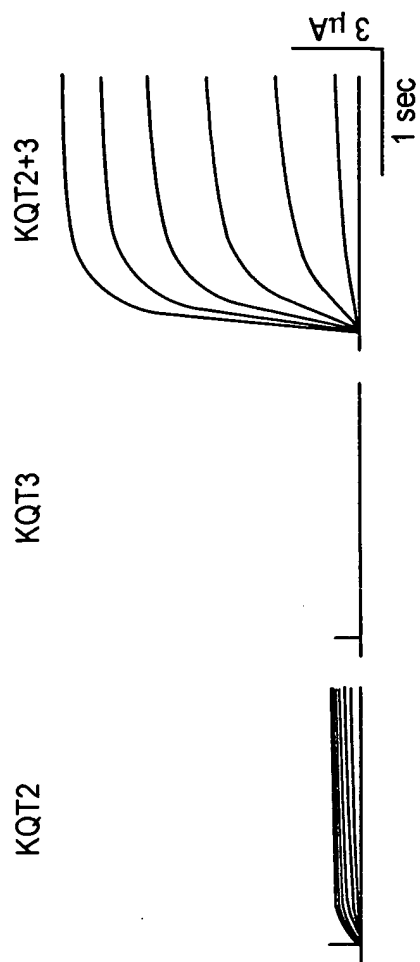


FIG. 1A

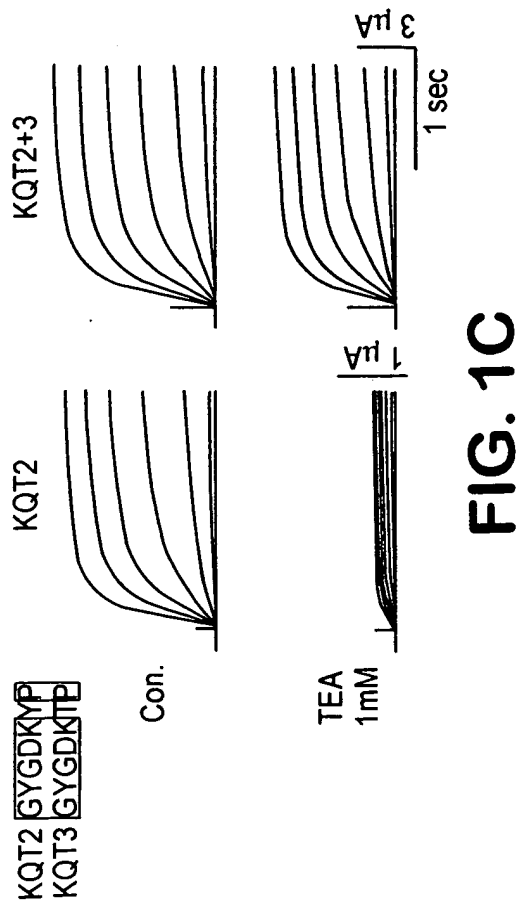


FIG. 1C



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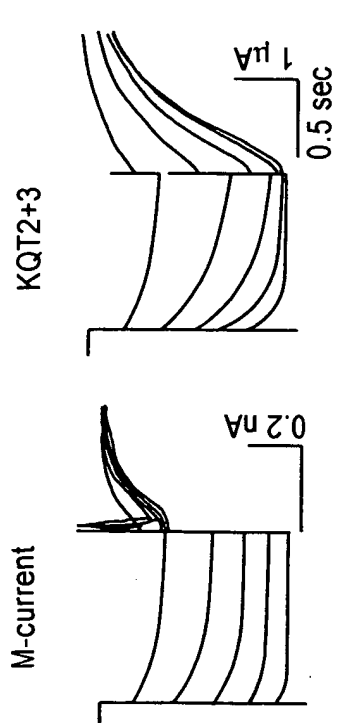


FIG. 2A

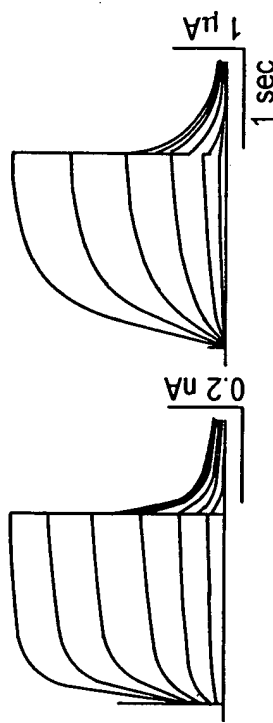


FIG. 2B

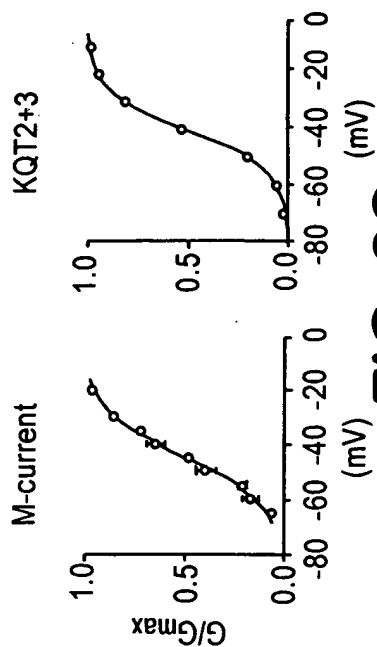


FIG. 2C

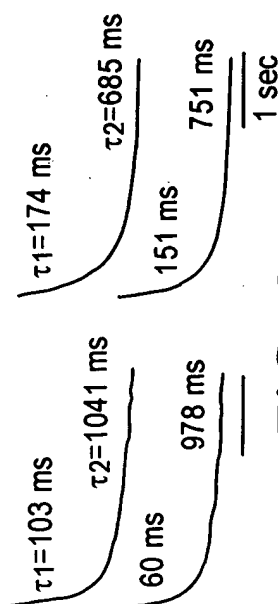


FIG. 2D

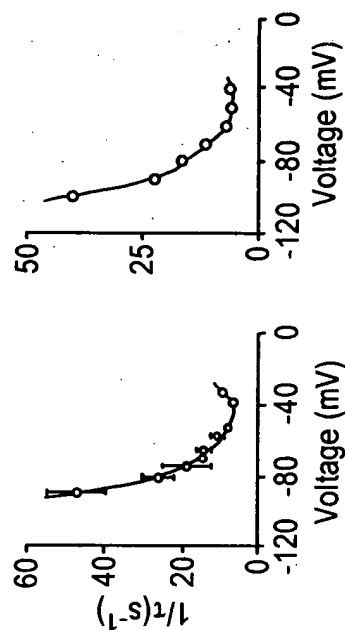
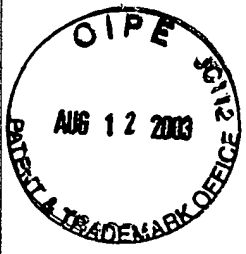


FIG. 2E



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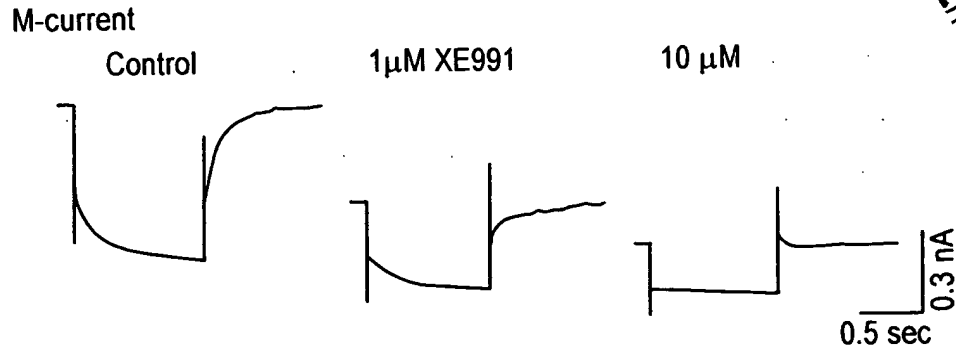


FIG. 3A

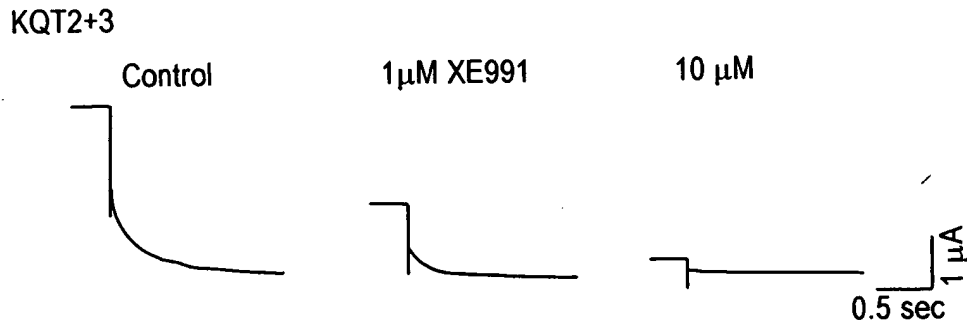


FIG. 3B

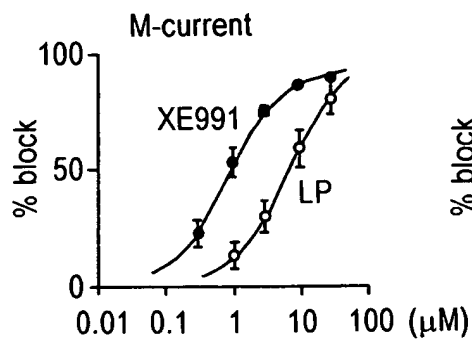


FIG. 3C

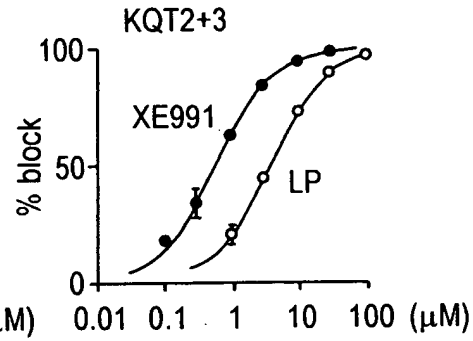


FIG. 3D

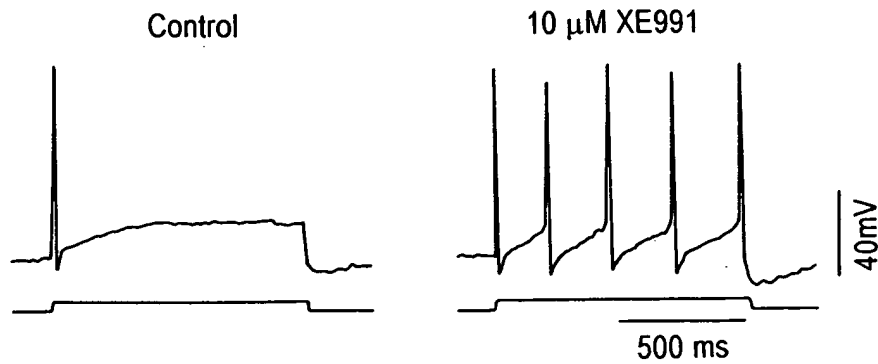


FIG. 3E

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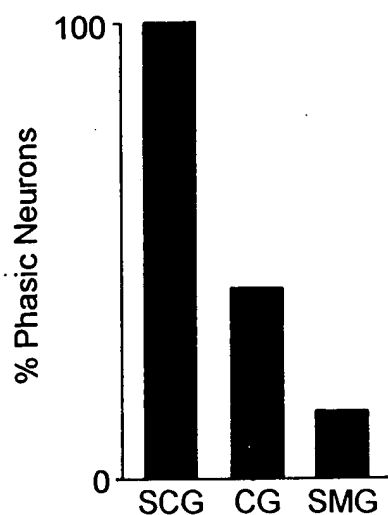


FIG. 4A

FIG. 4B

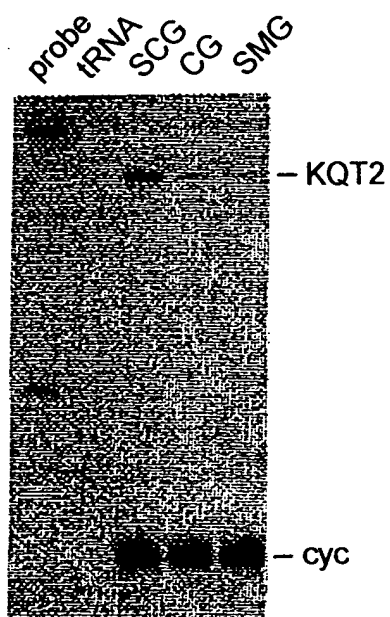


FIG. 4C

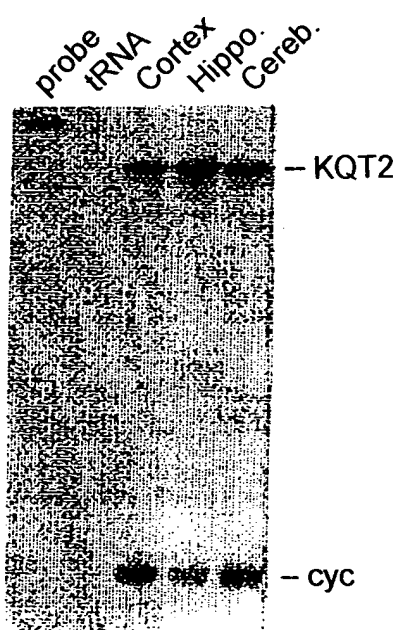
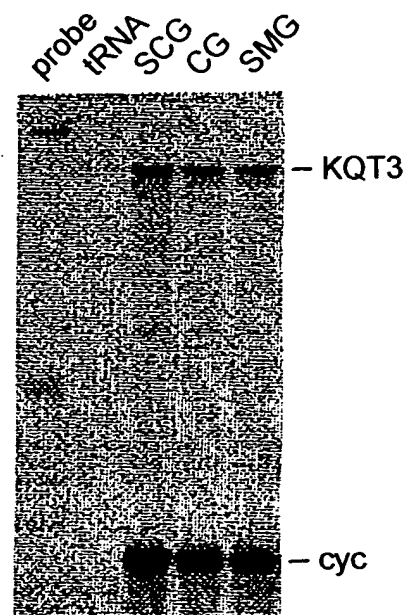


FIG. 4D

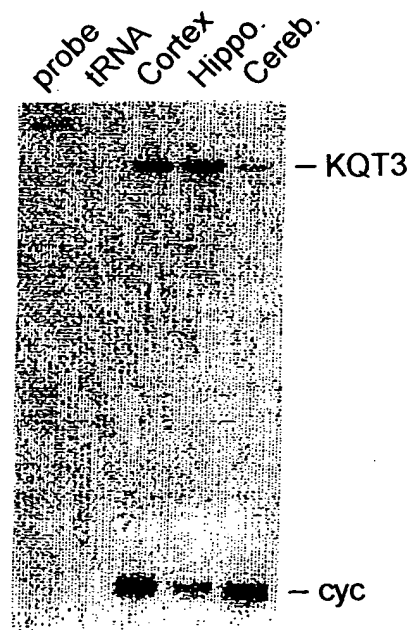


FIG. 4E



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# Effect of 0.3 $\mu$ M XE991 on hKCNQ2 expressed in HEK-293E cells

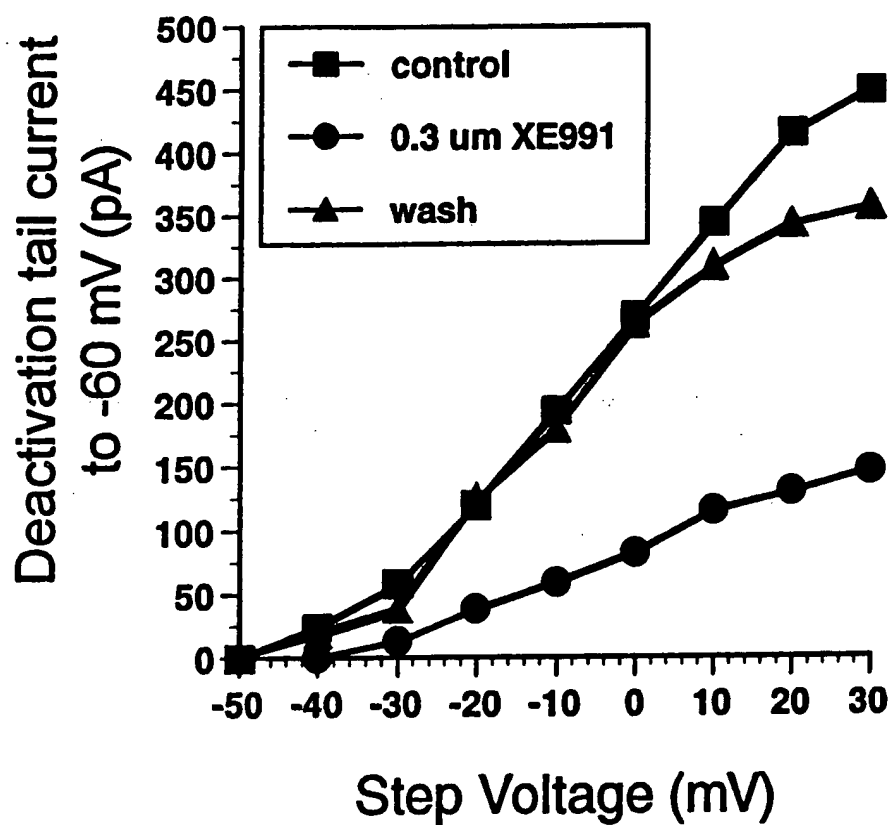


FIG. 5



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# Effect of Linopirdine on Voltage-Dependent Changes in Fluorescence of HEK 293E Cells Expressing hKCNQ2

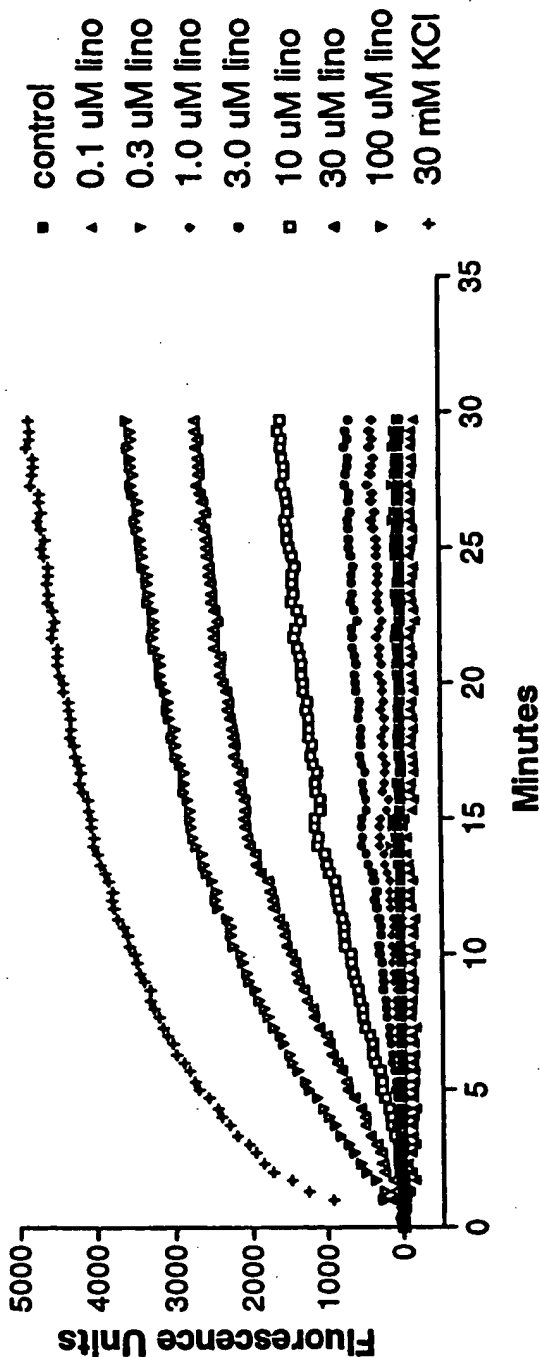
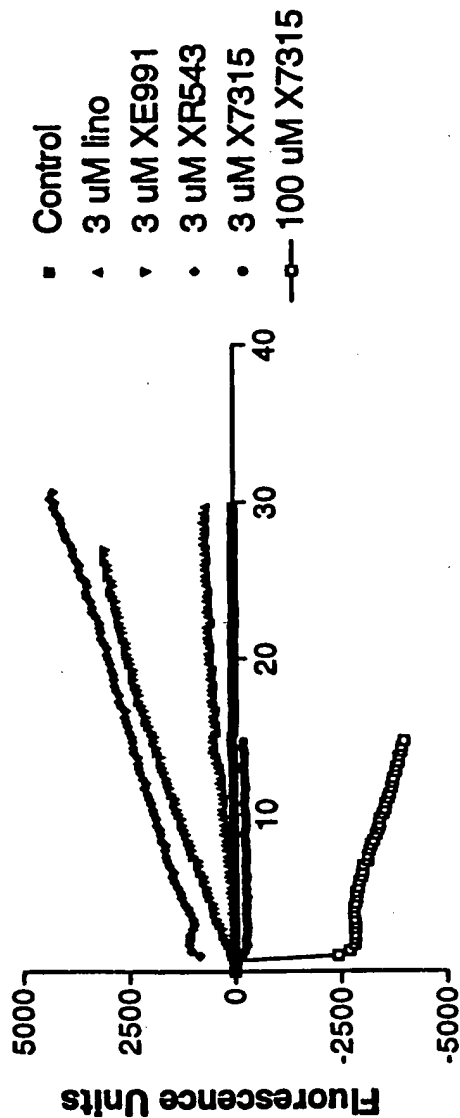


FIG. 6



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**Effect of Several Key KCNQ2  
Modulators on Voltage-  
Dependent Changes in  
Fluorescence of HEK 293E  
Cells Expressing hKCNQ2**



**FIG. 7**